

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017012.D
 Acq On : 28 Oct 2020 15:12
 Operator : SY/VA
 Sample : L4502-20
 Misc : 5.95G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG443

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:33:30 PM

Quant Time: Oct 29 08:48:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	482450	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139955	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
7) Chloroethane-d5	2.89	69	108495	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	4.02	63	204173	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	7.08	46	48768	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
24) Chloroform-d	7.65	84	277207	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	130631	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.76%
29) Benzene-d6	8.27	84	580831	27.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.48%
33) 1,2-Dichloropropane-d6	9.27	67	157541	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.00%
37) Toluene-d8	10.32	98	544952	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.08%
38) trans-1,3-Dichloropropene-	10.58	79	61501	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.24%
39) 2-Hexanone-d5	10.93	63	40751	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105511	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	171840	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	5856m	8.297	ug/L	
14) Carbon disulfide	4.39	76	8508	0.444	ug/L	98
16) Methylene chloride	4.91	84	11043	1.731	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	3417	0.512	ug/L	91
34) Benzene	8.32	78	15334	0.666	ug/L	100
35) Trichloroethene	9.09	95	295691	46.346	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2407	0.987	ug/L #	80
47) Tetrachloroethene	10.87	164	10326824	1759.592	ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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